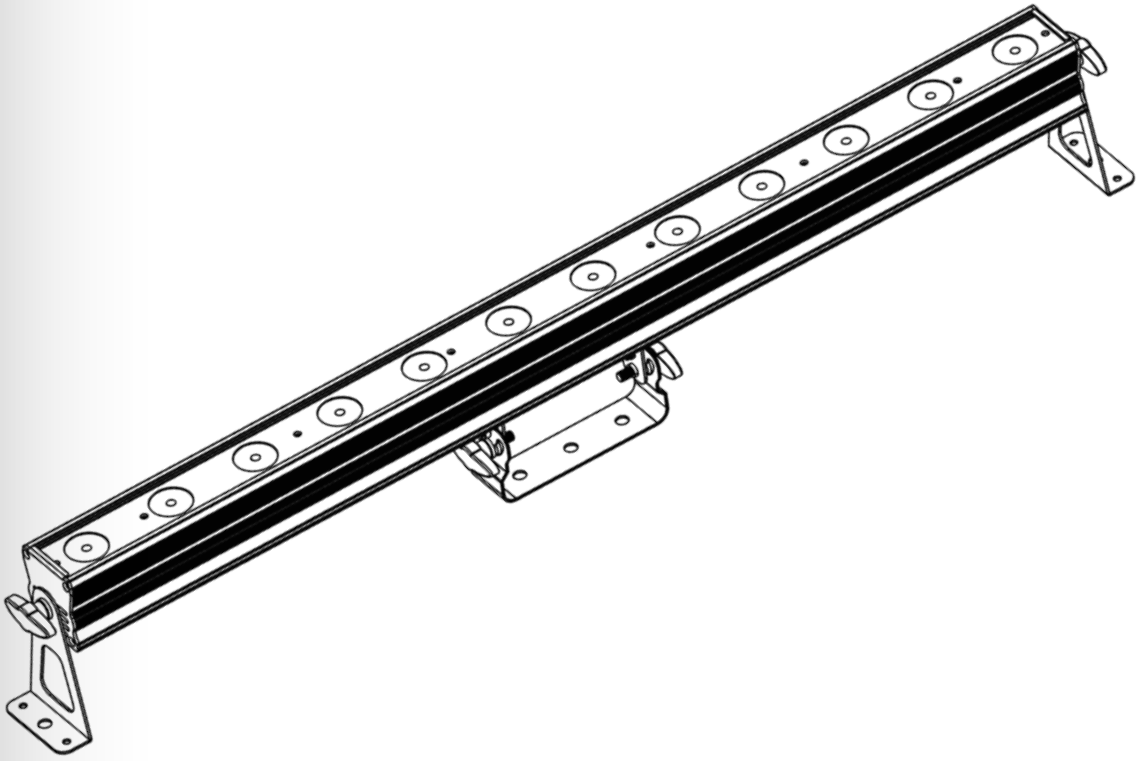
COLORdash™ Batten-Quad 12

User Manual



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Edition Notes

The COLORdash™ Batten-Quad 12 User Manual Rev. 3 covers the description, safety precautions, installation, programming, operation, and maintenance of the COLORdash™ Batten-Quad 12. CHAUVET® released this edition of the COLORdash™ Batten-Quad 12 User Manual in May 2014.

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Document Printing

For better results, print this document in color, on letter size paper (8.5 x 11 in), double-sided. If using A4 paper (210 x 297 mm), configure your printer to scale the content accordingly.

Intended Audience

Any person in charge of installing, operating, and/or maintaining this product should completely read through the guide that shipped with the product, as well as this manual, before installing, operating, or maintaining this product.

Disclaimer

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Document Revision

The COLORdash™ Batten-Quad 12 User Manual Rev. 3 supersedes all previous versions of this manual. Discard any older versions of this manual you may have, whether in printed or electronic format, and replace with this version.

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1. Before You Begin

What is Included

- COLORdash™ Batten-Quad 12
- Neutrik® powerCON® power cord
- 2 Trunnions
- Warranty card
- Quick Reference Guide

Claims

Carefully unpack the product immediately and check the box to make sure all the parts are in the package and are in good condition.

If the box or the contents (the product and included accessories) appear damaged from shipping or show signs of mishandling, notify the carrier immediately, not CHAUVET®. Failure to report damage to the carrier immediately may invalidate your claim. In addition, keep the box and contents for inspection.

For other issues, such as missing components or parts, damage not related to shipping, or concealed damage, file a claim with CHAUVET® within 7 days of delivery.

Manual Conventions

Convention	Meaning
1–512	A range of values in the text
50/60	A set of mutually exclusive values in the text
<SET>	A button on the product's control panel
Settings	A product function or a menu option
MENU>Settings	A sequence of menu options
1–10	A range of menu values from which to choose in a menu
Yes/No	A set of two mutually exclusive menu options in a menu
ON	A unique value to be entered or selected in a menu

Symbols

Symbols	Meaning
	Critical installation, configuration, or operation information. Failure to comply with this information may cause the product not to work, damage third-party equipment, or cause harm to the operator.
	Important installation or configuration information. Failure to comply with this information may keep the product from working.
	Useful information.

The term "DMX" used throughout this manual refers to the USITT DMX512-A digital data transmission protocol.

Safety Notes

Read all the following Safety Notes before working with this product. These notes include important information about the installation, usage, and maintenance of this product.

This product contains no user-serviceable parts. Any reference to servicing in this User Manual will only apply to properly trained CHAUVET® certified technicians. Do not open the housing or attempt any repairs.

All applicable local codes and regulations apply to proper installation of this product.

Personal Safety

- Avoid direct eye exposure to the light source while the product is on.
- Always disconnect this product from its power source before servicing.
- Always connect this product to a grounded circuit to avoid the risk of electrocution.
- Do not touch this product's housing during operation because it may be very hot.

Mounting and Rigging

- DO NOT operate this product outdoors or in any location where dust, excessive heat, water, or humidity may affect it. (IP20)
- Mount this product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
- Make sure there are no flammable materials close to this product while it is operating.
- When hanging this product, always secure to a fastening device using a safety cable.

Power and Wiring

- Always make sure you are connecting this product to the proper voltage in accordance with the specifications in this manual or on the product's specification label.
- Never connect this product to a dimmer pack or rheostat.
- Never disconnect this product by pulling or tugging on the power cable.

Operation

- Do not operate this product if you see damage on the housing, lenses, or cables. Have the damaged parts replaced by an authorized technician at once.
- Do not cover the ventilation slots when operating to avoid internal overheating.
- The maximum ambient temperature is 113 °F (45 °C). Do not operate this product at a higher temperature.
- In case of a serious operating problem, stop using this product immediately!

In the unlikely event that your CHAUVET® product may require service, contact CHAUVET® Technical Support.

Expected LED Lifespan

LEDs gradually decline in brightness over time, mostly because of heat. Packaged in clusters, LEDs exhibit higher operating temperatures than in ideal, single-LED conditions. For this reason, using clustered LEDs at their fullest intensity significantly reduces the LEDs' lifespan. Under normal conditions, this lifespan can be 40,000 to 50,000 hours. If extending this lifespan is vital, lower the operating temperature by improving the ventilation around the product and reducing the ambient temperature to an optimal operating range. In addition, limiting the overall projection intensity may also help to extend the LEDs' lifespan.

2. Introduction

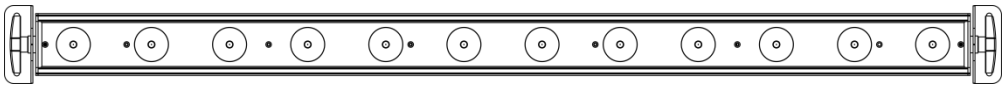
Description

COLORdash™ Batten-Quad 12 is a linear wash fixture with 12 individually controllable quad-color RGBA LEDs that produce any variation of white, as well as richly saturated colors, due to the inclusion of amber LEDs. It maintains an even pixel pitch when used in multiples, either stacked in an array using the optional CBB6 bracket or lined up end-to-end. Setup is easy when using the hanging bracket, floor trunnions, 3- and 5-pin DMX connectors, and power linking.

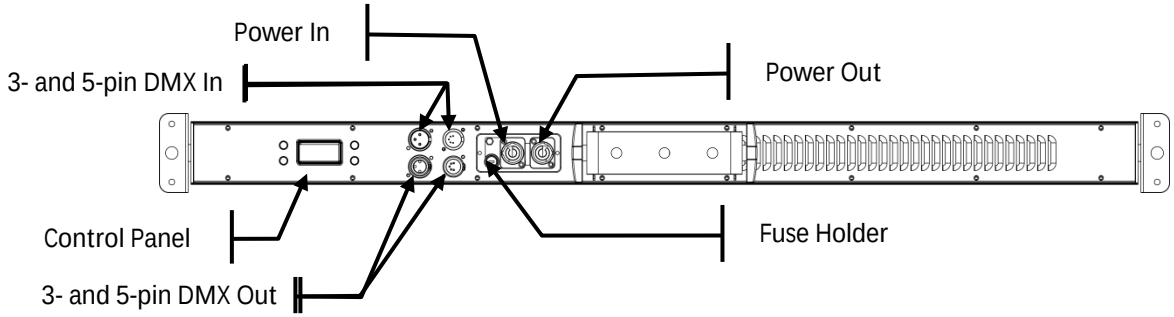
Features

- 4, 6, 10, 48 or 52 quad-color LED wash product
- Operating modes:
  - 4-channel: RGBA control
  - 6-channel: RGBA, dimmer, strobe
  - 10-channel: RGBA, dimmer, strobe, color macro, white balance, auto programs, dimmer speed, auto speed
  - 48-channel: RGBA pixel control
  - 52-channel: RGBA pixel control, dimmer, strobe, auto programs, auto speed
- Built-in auto and custom programs via DMX or Master/Slave
- Metal construction for added durability
- Individual pixel control
- Silent flicker-free operation
- Mount multiple units stacked or end-to-end to maintain pixel pitch

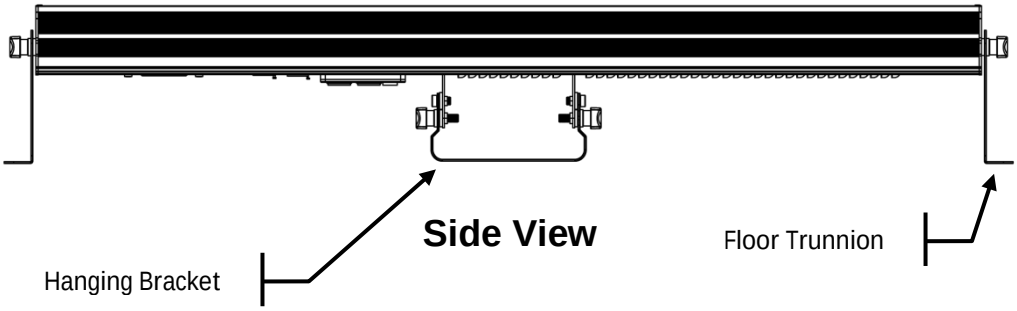
Overview



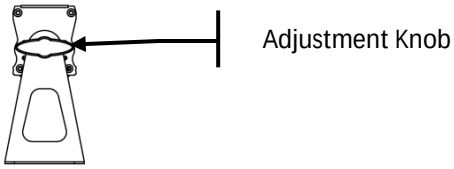
Front View



Rear View

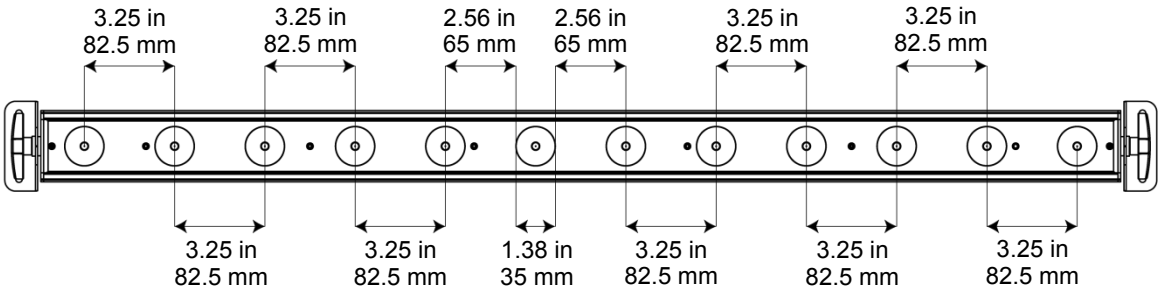


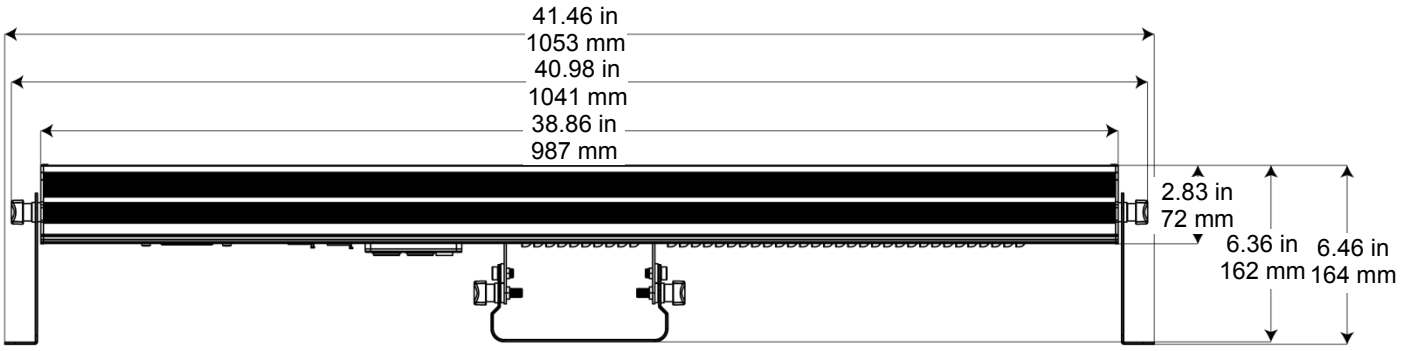
Side View

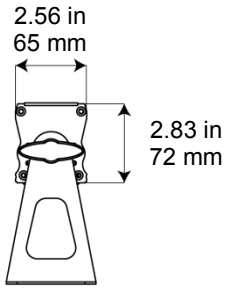


End Cap View

Dimensions


3.25 in
82.5 mm
3.25 in
82.5 mm
2.56 in
65 mm
2.56 in
65 mm
3.25 in
82.5 mm
3.25 in
82.5 mm
3.25 in
82.5 mm
3.25 in
82.5 mm
1.38 in
35 mm
3.25 in
82.5 mm
3.25 in
82.5 mm
3.25 in
82.5 mm


41.46 in
1053 mm
40.98 in
1041 mm
38.86 in
987 mm
2.83 in
72 mm
6.36 in
162 mm
6.46 in
164 mm


2.56 in
65 mm
2.83 in
72 mm

3. Setup

AC Power

Each COLORdash™ Batten-Quad 12 has an auto-ranging power supply that works with an input voltage range of 100~240 VAC, 50/60 Hz. To determine the power requirements for each COLORdash™ Batten-Quad 12, refer to the label affixed to the product. You can also refer to the Technical Specifications chart in this manual.

The listed current rating indicates the maximum current draw during normal operation. For more information, you may download Sizing Circuit Breakers from the CHAUVET® website: www.chauvetpro.com.

Always connect this product to a protected circuit with an appropriate electrical ground to avoid the risk of electrocution or fire.

Never connect this product to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0 to 100% switch.

AC Plug

The COLORdash™ Batten-Quad 12 comes with a power input cord terminated with a Neutrik® powerCON® connector on one end and an Edison plug on the other end (U.S. market). If the power input cord that came with your product has no plug, or if you need to change the Edison plug, use the table below to wire the new plug.

Connection	Wire (U.S.)	Wire (Europe)	Screw Color
AC Live	Black	Brown	Yellow or Brass
AC Neutral	White	Blue	Silver
AC Ground	Green/Yellow	Green/Yellow	Green

Fuse Replacement

Make sure to disconnect the product's power cord before replacing a blown fuse. Always replace the blown fuse with another of the same type and rating.

1. Disconnect this product from the power outlet.
2. Using a #2 flat-head screwdriver, unscrew the fuse holder cap from the housing.
3. Remove the blown fuse and replace with a another fuse of the same type and rating (2 A, 250 V).
4. Screw the fuse holder cap back in place and reconnect power.

Power Linking

The COLORdash™ Batten-Quad 12 supports power linking. You can power link up to 9 products at 120 V, 16 at 208 V, or 17 at 230 V.

This product comes with a power input cord. This product does not come with a power linking cable; however, a power linking cable is available as an option.

DMX Linking

You can link the COLORdash™ Batten-Quad 12 to a DMX controller using a standard DMX serial connection. If using other DMX compatible products with the COLORdash™ Batten-Quad 12, you can control each individually with a single DMX controller.

DMX Modes

The COLORdash™ Batten-Quad 12 uses the standard DMX data connection for the 4, 6, 10, 48, and 52 channel DMX modes.

- Refer to the Introduction chapter for a brief description of these modes.
- Refer to the Operation chapter to learn how to configure the COLORdash™ Batten-Quad 12 to work in these modes.
- The DMX Values section provides you with detailed information regarding the DMX modes.

Master/Slave Connectivity

The Master/Slave mode allows a COLORdash™ Batten-Quad 12 (the “master”) to control one or more COLORdash™ Batten-Quad 12s (the “slaves”) without a DMX controller. One COLORdash™ Batten-Quad 12 becomes the master when running an auto program or by being in Static mode.

You must configure each slave product’s control panel to operate in Slave mode. During Master/Slave operation, the slave products will operate in unison with the master product.

DO NOT connect a DMX controller to products operating in Master/Slave mode. The DMX controller signals may interfere with the signals from the master.

The Operation section of this manual provides detailed instructions on how to configure the Master and Slaves.

If you are not familiar with or need more information about DMX standards, Master/Slave connectivity, or the DMX cables needed to link this product to a DMX controller, download the DMX Primer from the CHAUVET® website: www.chauvetpro.com.

Mounting

Before mounting this product, read and follow the Safety Notes.

Orientation

Always mount this product in a safe position and make sure there is adequate room for ventilation, configuration, and maintenance.

Rigging

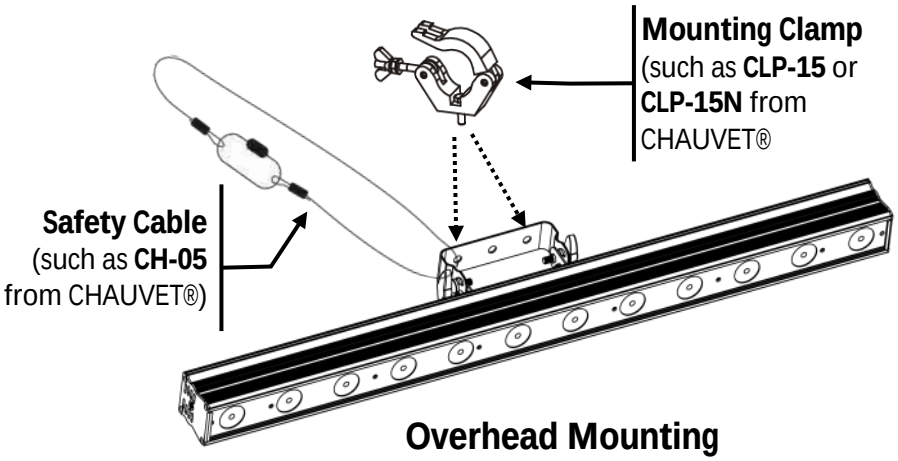
CHAUVET® recommends using the following general guidelines when mounting this product.

- When selecting an installation location, consider easy access to this product for operation, programming adjustments, and routine maintenance.
- Make sure to mount this product away from any flammable material as indicated in the Safety Notes.
- Never mount in places where rain, high humidity, extreme temperature changes, or restricted ventilation may affect the product.
- If hanging this product, make sure that the mounting location can support the product's weight. See the Technical Specifications for the weight-bearing requirements of this product.
- When hanging this product, always secure to a fastening device using a safety cable (not included).

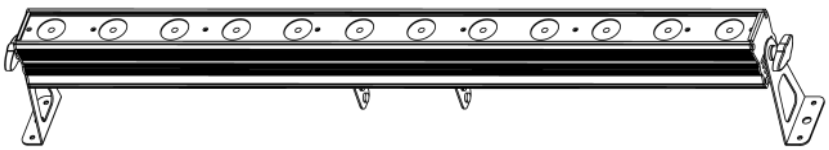
Procedure

The COLORdash™ Batten-Quad 12 comes with a hanging bracket and trunnions. The trunnions also serve as floor supports. You must supply your own mounting clamps. Make sure the clamps are capable of supporting the weight of this product. Use at least one mounting point per product.

Mounting Diagram



Overhead Mounting



Floor Mounting

4. Operation

Control Panel Description

Button	Function
<MENU>	Exits from the current menu or function
<ENTER>	Enables the currently displayed menu or sets the currently selected value in to the current function
<UP>	Navigates upward through the menu list and increases the numeric value when in a function
<DOWN>	Navigates downward through the menu list and decreases the numeric value when in a function

Control Options

You can set the COLORdash™ Batten-Quad 12 starting address in the 001–512 DMX range. This enables control of up to 9 products in the 52-channel **52 Ch** personality.

Programming

Refer to the Menu Map to understand the menu options. The menu map shows the main level and a variable number of programming levels for each option.

- To go to the desired main level, press **<MENU>** repeatedly until the option shows on the display. Press **<ENTER>** to select. This will take you to the first programming level for that option.
- To select an option or value within the current programming level, press **<UP>** or **<DOWN>** until the option shows on the display. Press **<ENTER>** to select. In this case, if there is another programming level, you will see that first option, or you will see the selected value.
- Press **<MENU>** repeatedly to exit to the previous main level.

DMX Personality

This setting allows you to choose a particular DMX personality.

1. Go to the **Channel** main level.
2. Select the desired personality (**4 Ch**, **6 Ch**, **10Ch**, **48Ch**, or **52Ch**).

- **See the DMX Values section for the highest starting address you can select for each personality.**
- **Make sure that the starting addresses on the various products do not overlap due to the new personality setting.**

DMX Control

In this mode, each product will respond to a unique starting address from the DMX controller. All products with the same starting address will respond in unison.

1. Select a DMX personality as shown in DMX Personality.
2. Set the running mode:
   a. Go to the **M&S Mode** main level.
   b. Select **Slave.**
3. Set the starting address:
   a. Go to the **Address** main level.
   b. Select the starting address (**001**–**509**).

The highest recommended starting address for each DMX mode are as follows:

DMX Mode	DMX Address
4 Ch	509
6 Ch	507
10Ch	503
48Ch	465
52Ch	461

Static Color

The Static Color mode allows for permanent RGBA color mixing without a DMX controller.

1. Go to the **Static** main level.
2. Select the **Fix C**.
   a. Choose desired color combination.
3. Select the **Manu C**
   a. Select a color: **R** (red), **G** (green), **B** (blue), or **A** (amber).
   b. Select the desired color value (**000**–**255**).
   c. Repeat for each color.

Auto Programs

Auto programs allow for dynamic RGBA color mixing without a DMX controller.

1. Go to **Auto m**ain level.
2. Select the desired auto (**Auto 0**–**12**).
3. Select **Speed.**
4. Choose the desired speed value (**000**–**100**).

You cannot edit any of the auto programs (Auto 0–12).

Auto Test

This option allows you to test all the LEDs on the COLORdash™ Batten-Quad 12.

1. Go to **Info** main level.
2. Select **Auto > Test**.

Master/Slave

The Master/Slave mode allows a group of COLORdash™ Batten-Quad 12s (the slaves) to simultaneously duplicate the output of another COLORdash™ Batten-Quad 12 (the master) without a DMX controller.

1. Set each of the slaves:
    a. Go to **M&S Mode**.
    b. Select **Slave**.
2. Set the master:
    a. Go to **M&S Mode**.
    b. Select **Master**.
    c. Select an Auto or Static program as explained in Auto Programs.

- **The master is the one that runs a program whether in Auto or Static Color mode.**
- **Do not connect a DMX controller to the products configured for Master/Slave operation. The DMX controller may interfere with signals from the master product.**
- **The master should be the first product in the daisy chain.**

Dimmer Curves

This setting determines how fast the output of the COLORdash™ Batten-Quad 12 changes when you modify the values of the red, green, blue, amber, and dimmer faders. This setting provides four different options to simulate the dimming curve of an incandescent lighting product.

1. Go to the **Dim Mode** main level.
2. Select a dimmer curve (**OFF**, **DIM 1**, **DIM 2**, or **DIM 3**).

OFF: The output is proportional (linear) to the dimmer and RGBA channel values.

DIM1–DIM3: The output follows the dimmer and RGBA channel values based on the corresponding dimmer curve, **DIM 1** being the fastest and **DIM 3** the slowest.

Software Information

This option shows what version of software the COLORdash™ Batten-Quad 12 is running.

1. Go to the **Info** main level.
2. Select **Version**. (the version number will show on the screen)

Fixture Hours

This option shows the total amount of hours the COLORdash™ Batten-Quad 12 has been turned on.

1. Go to the **Info** main level.
2. Select **FixHours** (the hours will show on the screen).

Backlight

This setting allows you to set the amount of time the backlight on the COLORdash™ Batten-Quad 12 stays on after the last button is pressed on the control panel.

1. Go to the **BackLite** main level.
2. Select **On**, **10S**, **20S**, or **30S**.
3. Press **<ENTER>**.

White Balance

This setting allows you to select the white color shown by the COLORdash™ Batten-Quad 12 when the DMX controller's red, green, and blue faders are set to **255**.

1. Go to the **White Balance** main level.
2. Select a color: **R** (red), **G** (green), or **B** (blue).
3. Select a color value (**125**–**255**).
4. Repeat for each color.

When selecting White Balance, you will only be able to define the values of red, green, and blue.

The values of red, green, and blue configured from White Balance will define the color temperature shown when the RGB faders are set to *255*.

Menu Map

Main Level	Programming Levels				Description
Auto	**Auto 0–12**		**Speed**	**0–100**	Auto programs
	Fade				Fade effect in which each color merges to the next
Static	**Fix C**		**R**		Red
			G		Green
			B		Blue
			A		Amber
			GB		Green/Blue
			R B		Red/Blue
			RG		Red/Green
			RGB		Red/Green/Blue
			R A		Red/Amber
			G A		Green/Amber
			BA		Blue/Amber
			RG A		Red/Green/Amber
			R BA		Red/Blue/Amber
			GBA		Green/Blue/Amber
			RGBA		Red/Green/Blue/Amber
	Manu C	**R**	**Value**	**0–255**	Combines red, green, blue, and amber to make a custom color
		G			
		B			
		A			
Dim Mode	**Off**				No dimmer
	DIM 1–DIM 3				Dimmer curves

Menu Map (cont.)

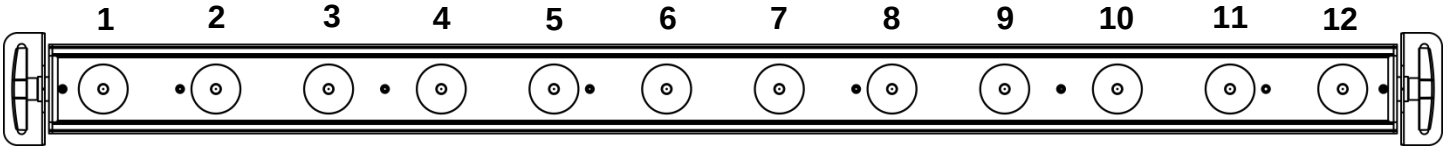
Main Level	Programming Levels				Description
BackLite	10S				Turns off display backlight after 10 sec of inactivity
	20S				Turns off display backlight after 20 sec of inactivity
	30S				Turns off display backlight after 30 sec of inactivity
	On				Display backlight always on
Info	Auto	Test			Turns on all LEDs in sequence for testing
	FixHours				Shows total operating hours
	Version				Shows installed software version
Address	001–509				Selects DMX address
Channel	4 Ch				4-channel: RGBA control
	6 Ch				6-channel: RGBA, dimmer, strobe
	10Ch				10-channel: RGBA, dimmer, strobe, color macro, white balance, auto programs, dimmer speed, auto speed
	48Ch				48-channel: RGBA pixel control
	52Ch				52-channel: RGBA pixel control, dimmer, strobe, auto programs, auto speed
M&S Mode	Master				DMX mode
	Slave				Slave mode
White Balance	R	Value	125–255		Sets red LED maximum value
	G				Sets green LED maximum value
	B				Sets blue LED maximum value

DMX Values

52Ch

Channel	Function	Value	Percent/Setting
1	Red 1	000 ó 255	0–100%
2	Green 1	000 ó 255	0–100%
3	Blue 1	000 ó 255	0–100%
4	Amber 1	000 ó 255	0–100%
5	Red 2	000 ó 255	0–100%
6	Green 2	000 ó 255	0–100%
7	Blue 2	000 ó 255	0–100%
8	Amber 2	000 ó 255	0–100%
9	Red 3	000 ó 255	0–100%
10	Green 3	000 ó 255	0–100%
11	Blue 3	000 ó 255	0–100%
12	Amber 3	000 ó 255	0–100%
13	Red 4	000 ó 255	0–100%
14	Green 4	000 ó 255	0–100%
15	Blue 4	000 ó 255	0–100%
16	Amber 4	000 ó 255	0–100%
17	Red 5	000 ó 255	0–100%
18	Green 5	000 ó 255	0–100%
19	Blue 5	000 ó 255	0–100%
20	Amber 5	000 ó 255	0–100%
21	Red 6	000 ó 255	0–100%
22	Green 6	000 ó 255	0–100%
23	Blue 6	000 ó 255	0–100%
24	Amber 6	000 ó 255	0–100%
25	Red 7	000 ó 255	0–100%
26	Green 7	000 ó 255	0–100%
27	Blue 7	000 ó 255	0–100%
28	Amber 7	000 ó 255	0–100%
29	Red 8	000 ó 255	0–100%
30	Green 8	000 ó 255	0–100%
31	Blue 8	000 ó 255	0–100%
32	Amber 8	000 ó 255	0–100%
33	Red 9	000 ó 255	0–100%
34	Green 9	000 ó 255	0–100%
35	Blue 9	000 ó 255	0–100%
36	Amber 9	000 ó 255	0–100%

COLORdash™ Batten-Quad 12 Sections for DMX Control



DMX Values (cont.)

52Ch (cont.)

Channel	Function	Value	Percent/Setting
37	**Red 10**	000 ó 255	0–100%
38	**Green 10**	000 ó 255	0–100%
39	**Blue 10**	000 ó 255	0–100%
40	**Amber 10**	000 ó 255	0–100%
41	**Red 11**	000 ó 255	0–100%
42	**Green 11**	000 ó 255	0–100%
43	**Blue 11**	000 ó 255	0–100%
44	**Amber 11**	000 ó 255	0–100%
45	**Red 12**	000 ó 255	0–100%
46	**Green 12**	000 ó 255	0–100%
47	**Blue 12**	000 ó 255	0–100%
48	**Amber 12**	000 ó 255	0–100%
49	**Auto Programs**	000 ó 010 011 ó 030 031 ó 050 051 ó 070 071 ó 090 091 ó 110 111 ó 130 131 ó 150 151 ó 170 171 ó 190 191 ó 210 211 ó 230 231 ó 250 251 ó 255	No function Auto 1 Auto 2 Auto 3 Auto 4 Auto 5 Auto 6 Auto 7 Auto 8 Auto 9 Auto 10 Auto 11 Auto 12 Auto 1–12
50	**Auto Speed**	000 ó 255	Slow to fast
51	**Dimmer**	000 ó 255	0–100%
52	**Strobe**	000 ó 010 011 ó 255	No function Slow to fast

48Ch

Channel	Function	Value	Percent/Setting
1	**Red 1**	000 ó 255	0–100%
2	**Green 1**	000 ó 255	0–100%
3	**Blue 1**	000 ó 255	0–100%
4	**Amber 1**	000 ó 255	0–100%
5	**Red 2**	000 ó 255	0–100%
6	**Green 2**	000 ó 255	0–100%
7	**Blue 2**	000 ó 255	0–100%
8	**Amber 2**	000 ó 255	0–100%
9	**Red 3**	000 ó 255	0–100%
10	**Green 3**	000 ó 255	0–100%
11	**Blue 3**	000 ó 255	0–100%
12	**Amber 3**	000 ó 255	0–100%

DMX Values (cont.)

48Ch (cont.)

Channel	Function	Value	Percent/Setting
13	Red 4	000 ó 255	0–100%
14	Green 4	000 ó 255	0–100%
15	Blue 4	000 ó 255	0–100%
16	Amber 4	000 ó 255	0–100%
17	Red 5	000 ó 255	0–100%
18	Green 5	000 ó 255	0–100%
19	Blue 5	000 ó 255	0–100%
20	Amber 5	000 ó 255	0–100%
21	Red 6	000 ó 255	0–100%
22	Green 6	000 ó 255	0–100%
23	Blue 6	000 ó 255	0–100%
24	Amber 6	000 ó 255	0–100%
25	Red 7	000 ó 255	0–100%
26	Green 7	000 ó 255	0–100%
27	Blue 7	000 ó 255	0–100%
28	Amber 7	000 ó 255	0–100%
29	Red 8	000 ó 255	0–100%
30	Green 8	000 ó 255	0–100%
31	Blue 8	000 ó 255	0–100%
32	Amber 8	000 ó 255	0–100%
33	Red 9	000 ó 255	0–100%
34	Green 9	000 ó 255	0–100%
35	Blue 9	000 ó 255	0–100%
36	Amber 9	000 ó 255	0–100%
37	Red 10	000 ó 255	0–100%
38	Green 10	000 ó 255	0–100%
39	Blue 10	000 ó 255	0–100%
40	Amber 10	000 ó 255	0–100%
41	Red 11	000 ó 255	0–100%
42	Green 11	000 ó 255	0–100%
43	Blue 11	000 ó 255	0–100%
44	Amber 11	000 ó 255	0–100%
45	Red 12	000 ó 255	0–100%
46	Green 12	000 ó 255	0–100%
47	Blue 12	000 ó 255	0–100%
48	Amber 12	000 ó 255	0–100%

DMX Values (cont.)

10Ch

Channel	Function	Value	Percent/Setting		
1	**Dimmer**	000 ó 255	0–100%		
2	**Red**	000 ó 255	0–100%		
3	**Green**	000 ó 255	0–100%		
4	**Blue**	000 ó 255	0–100%		
5	**Amber**	000 ó 255	0–100%		
6	**Strobe**	000 ó 010	No function		
		011 ó 255	Slow to fast		
7	**Color Macro + White Balance**	000 ó 010	No function		
		011 ó 030	R: 100%	G: 0–100%	B: 0
		031 ó 050	R: 100%–0	G: 100%	B: 0
		051 ó 070	R: 0	G: 100%	B: 0–100%
		071 ó 090	R: 0	G: 100%–0	B: 100%
		091 ó 110	R: 0–100%	G: 0	B: 100%
		111 ó 130	R: 100%	G: 0	B: 100%–0
		131 ó 150	R: 100%	G: 0–100%	B: 0–100%
		151 ó 170	R: 100%–0	G: 100%–0	B: 100%
		171 ó 200	RGBA: 100%		
		201 ó 205	White 1		
		206 ó 210	White 2		
		211 ó 215	White 3		
		216 ó 220	White 4		
		221 ó 225	White 5		
		226 ó 230	White 6		
		231 ó 235	White 7		
		236 ó 240	White 8		
		241 ó 245	White 9		
		246 ó 250	White 10		
		251 ó 255	White 11		
8	**Auto Programs**	000 ó 010	No function		
		011 ó 030	Auto 1		
		031 ó 050	Auto 2		
		051 ó 070	Auto 3		
		071 ó 090	Auto 4		
		091 ó 110	Auto 5		
		111 ó 130	Auto 6		
		131 ó 150	Auto 7		
		151 ó 170	Auto 8		
		171 ó 190	Auto 9		
		191 ó 210	Auto 10		
		211 ó 230	Auto 11		
		231 ó 250	Auto 12		
		251 ó 255	Auto 1–12		
9	**Auto Speed**	000 ó 255	Slow to fast		
10	**Dimmer Speed**	000 ó 051	Preset dimmer speed from display menu		
		052 ó 101	Linear dimmer		
		102 ó 152	Nonlinear dimming curve 1 (fastest)		
		153 ó 203	Nonlinear dimming curve 2		
		204 ó 255	Nonlinear dimming curve 3 (slowest)		

DMX Values (cont.)

6 Ch

Channel	Function	Value	Percent/Setting
1	**Dimmer**	000 ó 255	0–100%
2	**Red**	000 ó 255	0–100%
3	**Green**	000 ó 255	0–100%
4	**Blue**	000 ó 255	0–100%
5	**Amber**	000 ó 255	0–100%
6	**Strobe**	000 ó 010 011 ó 255	No Function Slow to Fast

4 Ch

Channel	Function	Value	Percent/Setting
1	**Red**	000 ó 255	0–100%
2	**Green**	000 ó 255	0–100%
3	**Blue**	000 ó 255	0–100%
4	**Amber**	000 ó 255	0–100%

5. Technical Information

Product Maintenance

To maintain optimum performance and minimize wear, you should clean this product frequently. Usage and environment are contributing factors in determining the cleaning frequency.

As a rule, clean this product at least twice a month. Dust build-up reduces light output performance and can cause overheating. This can lead to reduced light source life and increased mechanical wear.

To clean your product:

1. Unplug the product from power.
2. Wait until the product is at room temperature.
3. Use a vacuum (or dry compressed air) and a soft brush to remove dust collected on the external vents.
4. Clean all external surfaces with a mild solution of non-ammonia glass cleaner or isopropyl alcohol.
5. Apply the solution directly to a soft, lint-free cotton cloth or a lens cleaning tissue.
6. Wipe any dirt or grime to the outside edges of the lens surface.
7. Gently polish the lens surfaces until they are free of haze and lint.

Always dry the external surfaces thoroughly and carefully after cleaning them.

Returns

You must send the product prepaid, in the original box, and with the original packing and accessories. CHAUVET® will not issue call tags.

Call CHAUVET® and request a Return Merchandise Authorization (RMA) number before shipping the product. Be prepared to provide the model number, serial number, and a brief description of the cause(s) for the return.

Clearly label the package with an RMA number. CHAUVET® will refuse any product returned without an RMA number.

DO NOT write the RMA number directly on the box. Instead, write it on a properly affixed label.

Once you have received the RMA number, include the following information on a piece of paper inside the box:

- Your name
- Your address
- Your phone number
- RMA number
- A brief description of the problem(s)

Be sure to pack the product properly. Any shipping damage resulting from inadequate packaging will be the customer's responsibility. FedEx packing or double-boxing are recommended.

CHAUVET® reserves the right to use its own discretion to repair or replace returned product(s).

Technical Specifications

Dimensions and Weight

Length	Width	Height	Weight
41 in (1041 mm)	3.2 in (82 mm)	6.5 in (164 mm)	10.6 lb (4.8 kg)

Note: Dimensions in inches rounded to the nearest decimal digit.

Power

Power Supply Type	Range	Voltage Selection
Switching (internal)	100 to 240 V, 50/60 Hz	Auto-ranging

Parameter	120 V, 60 Hz	230 V, 50 Hz
Consumption	175 W	175 W
Operating	1.45 A	0.76 A
Power linking current	13.6 A (9 products)	13.6 A (17 products)
Fuse	2 A, 250 V	2 A, 250 V

Power I/O	U.S./Worldwide	Europe
Power input connector	Neutrik® powerCON® A	Neutrik® powerCON® A
Power output connector	Neutrik® powerCON® B	Neutrik® powerCON® B
Power cord plug	Edison (U.S.)	Local plug

Light Source

Type	Power	Lifespan
LED	7 W	50,000 hours

Color	Quantity	Current
Quad-color (RGBA)	12	500 mA

Photo Optic

Parameter	Standard 20º Optics
Illuminance @ 5 m	539 lx
Beam angle	22°
Field angle	31°

Thermal

Max. External Temperature	Cooling System
113 °F (45 °C)	Convection

DMX

I/O Connectors	Connector Type	Channel Range
3- and 5-pin XLR	Sockets	4, 6, 10, 48 or 52

Ordering

Product Name	Item Code	UPC Number
COLORdash™ Batten-Quad 12	03030714	781462210625

RoHS

UL 1573
CSA C22.2 No. 166
E113093

Contact Us

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Outside the U.S., United Kingdom, Ireland, or Mexico, contact your dealer. Follow their instructions to request support or to return a product. Visit our website for contact details.